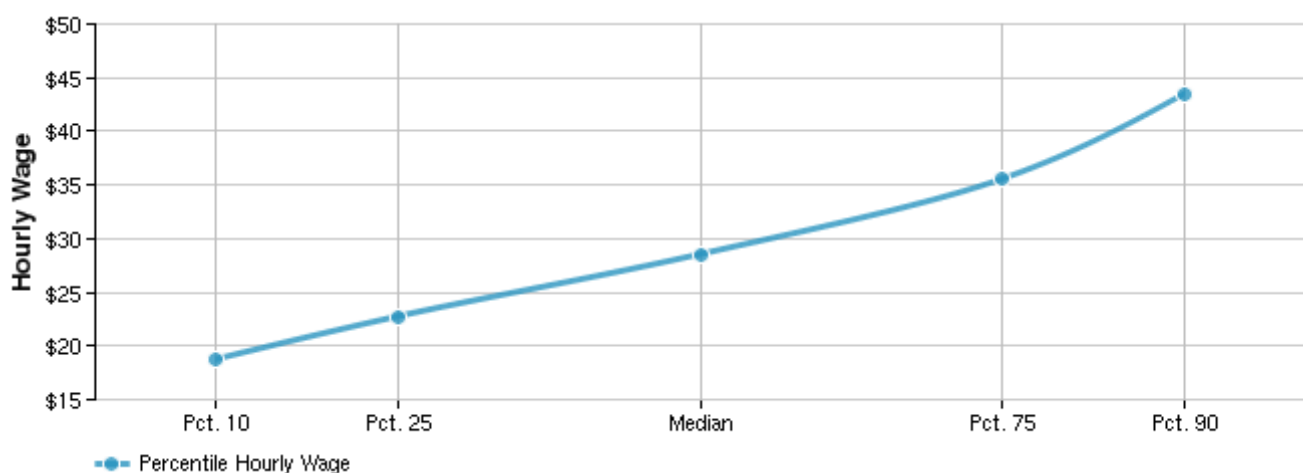


Occupation Facts

| | | |
|---|---|---|
| 48,528 Jobs (2011) Location Quotient: 0.91 | 1.3% Growth (2009-2012) National: 0.7% | \$28.56/hr Median Wage (2011) National: \$32.49/hr |
|---|---|---|

Indiana | Percentile Wages

| | | |
|--|---|--|
| \$18.79/hr 10th Percentile Wage (2011) | \$28.56/hr Median Wage (2011) | \$43.49/hr 90th Percentile Wage (2011) |
|--|---|--|

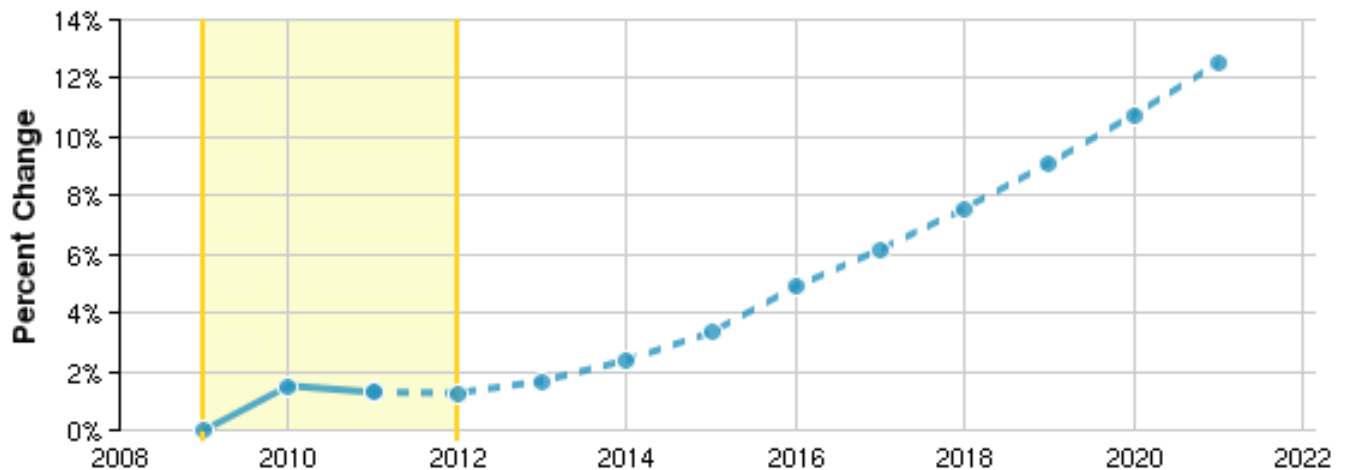


| Occupation | 10th Percentile Wage (2011) | Median Wage (2011) | 90th Percentile Wage (2011) |
|--|-----------------------------|--------------------|-----------------------------|
| Architects, except landscape and naval (17-1011) | \$14.00 | \$22.59 | \$45.60 |
| Landscape architects (17-1012) | \$12.01 | \$18.76 | \$34.43 |
| Cartographers and photogrammetrists (17-1021) | \$15.09 | \$19.19 | \$27.16 |
| Surveyors (17-1022) | \$12.33 | \$21.33 | \$34.41 |
| Aerospace engineers (17-2011) | \$32.01 | \$41.53 | \$50.73 |
| Agricultural engineers (17-2021) | \$21.86 | \$32.78 | \$46.95 |
| Biomedical engineers (17-2031) | \$21.16 | \$28.06 | \$40.56 |
| Chemical engineers (17-2041) | \$24.96 | \$38.71 | \$56.88 |
| Civil engineers (17-2051) | \$19.33 | \$28.99 | \$46.34 |
| Computer hardware engineers (17-2061) | \$18.46 | \$29.91 | \$46.36 |

| Occupation | 10th Percentile Wage (2011) | Median Wage (2011) | 90th Percentile Wage (2011) |
|--|--|---------------------------|--|
| Electrical engineers (17-2071) | \$22.85 | \$34.86 | \$50.16 |
| Electronics engineers, except computer (17-2072) | \$22.99 | \$35.99 | \$50.79 |
| Environmental engineers (17-2081) | \$18.63 | \$35.94 | \$53.85 |
| Health and safety engineers, except mining safety engineers and inspectors (17-2111) | \$20.56 | \$29.74 | \$49.47 |
| Industrial engineers (17-2112) | \$22.53 | \$33.02 | \$47.54 |
| Marine engineers and naval architects (17-2121) | \$10.11 | \$18.25 | \$40.68 |
| Materials engineers (17-2131) | \$23.32 | \$30.45 | \$46.89 |
| Mechanical engineers (17-2141) | \$20.96 | \$32.50 | \$48.72 |
| Mining and geological engineers, including mining safety engineers (17-2151) | \$18.69 | \$27.69 | \$40.91 |
| Nuclear engineers (17-2161) | \$16.79 | \$29.20 | \$53.01 |
| Petroleum engineers (17-2171) | \$20.22 | \$33.03 | \$57.18 |
| Engineers, all other (17-2199) | \$18.54 | \$30.00 | \$50.21 |
| Architectural and civil drafters (17-3011) | \$13.66 | \$19.71 | \$31.90 |
| Electrical and electronics drafters (17-3012) | \$14.10 | \$20.04 | \$33.49 |
| Mechanical drafters (17-3013) | \$13.70 | \$21.03 | \$32.14 |
| Drafters, all other (17-3019) | \$12.44 | \$18.78 | \$28.25 |
| Aerospace engineering and operations technicians (17-3021) | \$20.35 | \$26.89 | \$43.70 |
| Civil engineering technicians (17-3022) | \$14.64 | \$21.59 | \$32.87 |
| Electrical and electronic engineering technicians (17-3023) | \$16.38 | \$25.80 | \$37.57 |
| Electro-mechanical technicians (17-3024) | \$15.86 | \$18.93 | \$25.28 |
| Environmental engineering technicians (17-3025) | \$13.90 | \$20.72 | \$29.61 |
| Industrial engineering technicians (17-3026) | \$15.50 | \$23.37 | \$37.07 |

| Occupation | 10th Percentile Wage (2011) | Median Wage (2011) | 90th Percentile Wage (2011) |
|---|-----------------------------|--------------------|-----------------------------|
| Mechanical engineering technicians (17-3027) | \$15.75 | \$22.21 | \$31.49 |
| Engineering technicians, except drafters, all other (17-3029) | \$16.61 | \$26.41 | \$38.98 |
| Surveying and mapping technicians (17-3031) | \$11.29 | \$16.26 | \$24.51 |

Regional Trends



| Region | 2009 Jobs | 2012 Jobs | % Growth |
|---------|-----------|-----------|----------|
| Indiana | 47,907 | 48,515 | 1.3% |

Educational Programs

| | 51 Programs (2010) | | 5,858 Completions (2010) | | |
|--|-----------------------|------|-----------------------------|------|------|
| Program | 2006 | 2007 | 2008 | 2009 | 2010 |
| Mechanical Engineering (14.1901) | 710 | 730 | 740 | 681 | 791 |
| Electrical and Electronics Engineering (14.1001) | 575 | 525 | 533 | 510 | 535 |

| Program | 2006 | 2007 | 2008 | 2009 | 2010 |
|---|------|------|------|------|------|
| Electrical, Electronic and Communications Engineering Technology/Techni cian (15.0303) | 548 | 573 | 551 | 500 | 468 |
| Industrial Technology/Techni cian (15.0612) | 114 | 112 | 115 | 218 | 377 |
| Civil Engineering, General (14.0801) | 332 | 387 | 344 | 363 | 362 |

Data Sources and Calculations

Annual Openings Data

Annual openings refers to the sum of new and replacement jobs in the occupation over the given timeframe, divided by the number of years in the timeframe.

Completers Data

The completers data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

Staffing Patterns Data

The staffing patterns data in this report is compiled from several sources using a specialized process. Sources include Occupational Employment Statistics, and the National Occupation Matrix. EMSI uses ratios from the national matrix and inputs regional jobs by industry, converting these to jobs by occupation. The ratios derived from this are adjusted to equal actual regional data, resulting in a unique regional staffing pattern.

State Data Sources

This report uses state data from the following agencies: Indiana Department of Workforce Development.